Patent Attorney's Docket No. <u>0320-080</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of) Group Art Unit: 2174
Brett R. Kelts) Oldup Alt Ollit. 2174
Application No.: 09/829,263) Examiner: Steven Sax)
Filed: April 9, 2001))
For: INTERACTIVE CONTENT GUIDE FOR TELEVISION PROGRAMMING)))

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)

Commissioner for Patents Alexandria, VA 22313-1450

Sir:

Applicant submits herewith PTO/SB/08A and PTO/SB/08B - Information Disclosure Statement together with any required copies of patents, publications or other information of which Applicant is aware, which Applicant believes may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

Copies of the International Search Reports from related applications, in which these documents were cited, are also attached.

This Information Disclosure Statement is submitted before the mailing date of a first Office Action on the merits and therefore no fee is required.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

POTOMAC PATENT GROUP PLLC

Bv:

Steven M. duBois

Registration No. 35,023

Date: September 27, 2005

Potomac Patent Group, PLLC P.O. Box 270 Fredericksburg, VA 22404 (540) 361-1863

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

no persons are required to respond to a collection of information unless it contains a valid OMB control number. Under the Par

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form

Sheet 1

(Use as many sheets as necessary)

•	Cor	mplete if Known	
	Application Number	09/829,263	
	Filing Date	April 9, 2001	
	First Named Inventor	Brett KELTS	
	Art Unit	2174	•
	Examiner Name	Steven Paul Sax	
	Attorney Docket Number	0320-080	

4.44			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2002/0112237-A1	08/15/2002	KELTS	
		^{US-} 6,154,723	11/28/2000	COX et al.	
		US- 6,426,761	07/30/2002	KANEVSKY et al.	
		^{US-} 6,005,578	12/21/1999	COLE	
		^{US-} 5,745,710	04/28/1998	CLANTON, III et al.	
		^{US-} 5,835,156	11/10/1998	BLONSTEIN et al.	
		^{US-} 6,016,144	01/18/2000	BLONSTEIN et al.	
		^{US-} 6,049,823	04/11/2000	HWANG	
-		^{US-} 6,002,394	12/14/1999	SCHEIN et al.	
		^{US-} 5,045,843	09/03/1991	HANSEN	
		^{US-} 5,359,348	10/25/1994	PILCHER et al.	
		^{US-} 6,753,849	06/22/2004	CURRAN et al.	
		^{US-} 5,955,988	09/21/1999	BLONSTEIN et al.	
		^{US-} 4,745,402	05/17/1988	AUERBACH	
		^{US-} 5,341,466	08/23/1994	PERLIN et al.	
		^{US-} 6,295,646	09/25/2001	GOLDSCHMIDT IKI	
		^{US-} 6,314,575	11/06/2001	BILLOCK et al.	
		^{US-} 6,412,110	06/25/2002	SCHEIN et al.	
-		^{US-} 6,421,067	07/16/2002	KAMEN et al.	

			IGN PATENT DOCU			
Examiner Initials*	Cite No.1		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T
		GB 2 237 911 A	05/15/1991	Sharp Kabushiki		
		WO 98/43183	10/01/1998	Sony Electronic		
	<u></u>					L
						L
						Г

Examiner Date	
Signature Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwo no persons are required to res

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

SEP 2 9 2005

Substitute for form 1449/PTO

Sheet 2

(Use as many sheets as necessary)

	mplete if Known	
Application Number	09/829,263	
Filing Date	April 9, 2001	
First Named Inventor	Brett KELTS	
Art Unit	2174	
Examiner Name	Steven Paul Sax	
Attorney Docket Number	0320-080	

				DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 6,557,350	06/10/2003	PROEHL et al.	
		^{US-} 6,452,609	09/17/2002	KATINSKY et al.	
		^{US-} 6,397,387	05/28/2002	ROSIN et al.	
		^{US-} 6,268,849	07/31/2001	BOYER et al.	·
		^{US-} 6,330,858	12/18/2001	McDONOUGH et al.	
		^{US-} 6,092,076	07/18/2000	McDONOUGH et al.	
		^{US-} 6,621,452	09/16/2003	KNOCKEART et al.	
		^{US-} 6,349,257	02/19/2002	LIU et al.	
		^{US-} 6,529,218	03/04/2003	OGAWA et al.	
		^{US-} 6,429,813	08/06/2002	FIEGEN	
		^{US-} 6,415,225	07/02/2002	KOZAK	
		^{US-} 6,385,542	05/07/2002	MILLINGTON	
		^{US-} 5,671,342	09/23/1997	MILLIER et al.	
		^{US-} 5,790,121	08/04/1998	SKLAR et al.	
		∪s- 5,796,395	08/18/1998	de HOND	
		^{US-} 5,982,369	11/09/1999	SCIAMMARELLA et al.	
		^{US-} 5,638,523	06/10/1997	MULLET et al.	
		US-			
		US-			

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY	———	Or Relevant Figures Appear	Τ6
 	<u> </u>					
	ł					П

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND** TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

1995, no persons are required to re-BADE Substitute for form

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3

Coi	mplete if Known	
Application Number	09/829,263	
Filing Date	April 9, 2001	
First Named Inventor	Brett KELTS	
Art Unit	2174	
Examiner Name	Steven Paul Sax	
Attorney Docket Number	0320 080	

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,411,308	06/25/2002	BLONSTEIN et al.	
	<u> </u>	^{US-} 6,195,089	02/27/2001	CHANEY et al.	
		^{US-} 6,191,781	02/20/2001	CHANEY et al.	
		^{US-} 6,181,333	01/30/2001	CHANEY et al.	
		^{US-} 6,037,933	03/14/2000	BLONSTEIN et al.	
		^{US-} 5,978,043	11/02/1999	BLONSTEIN et al.	
		US- 6,765,598	06/20/2004	KIM	
		US- 6,400,406	06/04/2002	KIM	
		US-			
		US-	_		
		US-			

 	FORE	IGN PATENT DOCU	MENTS		
Cite No.1	Cite Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	Country Code ³ Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ,
 					L
 			` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `		L
 <u> </u>					L
 <u> </u>					
 ļ					L
		· ·			

Examiner	_	Date	
Signature		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND** TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO	Complete If Known		
	Application Number	09/829,263	
INFORMATION DISCLOSURE	Filing Date	April 9, 2001	
STATEMENT BY APPLICANT	First Named Inventor	Brett KELTS	
(Use as many sheets as necessary)	Art Unit	2174	
(Use as many sheets as necessary)	Examiner Name	Steven Paul Sax	
Sheet 4 of 5	Attorney Docket Number	0320-080	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	1	QUESENBERY, W., et al., Designing for Interactive Television, http://www.wqusability.com/articles/itv-design.html, 1996, pp. 1-6	
	2	PRASAR, V., Technology to the aid of science popularisation, http://www.vigyanprasar.com/dream/jan99/janvpinsight.htm, January 1999, pp. 1-2	
	3	Press Release, NetTV Selected for 800 Kansas City Classrooms, http://www.fno.org/mar98/NKCSDPR1.html, March 23, 1998, pp. 1-2	
	4	FUERST, J., et al., Interactive Television: A Survey of the State of Research and the Proposal and Evaluation of a User Interface,	
		http://wwwai.wu-wien.ac.at/~koch/stud/itv/paper.html, June 1996, pp. 1-11	
	5	BIER, E., et al., Toolglass and Magic Lenses: The See-Through Interface, Proceedings of Siggraph 93, Computer Graphics Annual Conference Series, ACM, August 1993, pp. 73-80	
	6	STONE, M., et al., The Movable Filter as a User Interface Tool, Proccedings of CHI '94, ACM, April 24-28, 1994, pp. 306-312	
	7	BIER, E., et al., A Taxonomy of See-Through Tools, Proceedings of CHI '94, ACM, April 24-28, 1994, pp. 358-364	
	8	FISHKIN, K., et al., Enhanced Dynamic Queries via Movable Filters, pp. 1-6	
	9	BEDERSON, B., Quantum Treemaps and Bubblemaps for a Zoomable Image Browser, UIST 2001, ACM Symposium on User Interface Software and Technology, CHI Letters 3(2), pp. 71-80	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

SEP 2 9 2005

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Complete if Known Substitute for form 1449/PTO **Application Number** 09/829,263 Filing Date INFORMATION DISCLOSURE April 9, 2001 STATEMENT BY APPLICANT **First Named Inventor Brett KELTS** Art Unit 2174 (Use as many sheets as necessary) **Examiner Name** Steven Paul Sax Attorney Docket Number Sheet 5 5 0320-080 of

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of		
	10	Verhoeven, A., et al., "Hypermedia on the Map: Spatial Hypermedia in HyperMap," International Conference on Information, Communications and Signal Processing,		
		ICICS '97, Singapore, September 9-12, 1997, pp. 589-592		
	11	International Search Report for PCT/US01/08377, mailed July 25, 2005		
	12	International Search Report for PCT/US01/08331, mailed November 13, 2002		
	13	International Search Report for PCT/US01/08261, mailed August 5, 2002		
				

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.